AMENDMENTS TO THE CLAIMS

Claims 1-19 (Cancelled)

Claim 20 (New) An unauthorized apparatus detection device connected to an information server capable of having a portable media inserted therein, the portable media further for being inserted into a detection target apparatus, the portable media storing a target apparatus identifier and a corresponding first verification value, and the target apparatus identifier identifying the detection target apparatus, the unauthorized apparatus detection device comprising:

a storage unit that stores the target apparatus identifier and the first verification value, the target apparatus identifier and the first verification value being previously received from the information server by the unauthorized apparatus detection device;

a generation unit that generates a second verification value that differs from the first verification value that corresponds to the target apparatus identifier, and that overwrites, in the storage unit, the second verification value in place of the first verification value;

a transmission/reception unit that transmits to the information server the second verification value, such that the information server writes the second verification value into the portable media when the portable media is inserted into the information server, and such that the detection target apparatus overwrites, in the portable media, the second verification value in place of the first verification value when the portable media is inserted into the detection target apparatus, the transmission/reception unit receiving, from the information server, the target apparatus identifier and the second verification value, as a received verification value, when the

portable media, into which the second verification value is overwritten in place of the first verification value by the detection target apparatus, is inserted into the information server;

a control unit (i) that, when the received target apparatus identifier matches the stored target apparatus identifier, judges whether or not the received verification value matches the stored second verification value, and (ii) that, when it is judged that the received verification value does not match the stored second verification value, registers the target apparatus identifier on an unauthorized apparatus list; and

a title key storage unit that stores a title key for decrypting encrypted content,

wherein, when the control unit judges that the received verification value matches the stored second verification value, the control unit transmits the title key to the information server, such that the information server writes the title key into the portable media, and such that the detection target apparatus decrypts the encrypted content using the title key when the portable media storing the title key is inserted into the detection target apparatus.

Claim 21 (New) The unauthorized apparatus detection device of claim 20, wherein, when the control unit judges that the received verification value matches the stored second verification value, the generation unit generates a third verification value that differs from the second verification value, and overwrites, in the storage unit, the third verification value in place of the second verification value, and the transmission/reception unit transmits the third verification value to the information server.

Claim 22 (New) An unauthorized apparatus detection device connected to an information server capable of having a portable media inserted therein, the portable media storing a target apparatus identifier and a corresponding first verification value, and the target apparatus identifier identifying a target apparatus, the unauthorized apparatus detection device comprising:

a storage unit that stores the target apparatus identifier and the first verification value that corresponds to the target apparatus identifier, the target apparatus identifier and the first verification value being previously received from the information server by the unauthorized apparatus detection device;

a generation unit that generates a second verification value that differs from the first verification value, and overwrites, in the storage unit, the second verification value in place of the first verification value;

a transmission/reception unit that transmits to the information server the second verification value, such that the information server writes the second verification value into the portable media, and such that when the portable media, into which the second verification value is written, is inserted into the target apparatus, the target apparatus overwrites, in the portable media, the second verification value in place of the first verification value, the transmission/reception unit receiving, from the information server, the target apparatus identifier and the second verification value, as a received verification value, when the portable media, into which the second verification value is overwritten in place of the first verification value by the target apparatus, is inserted into the information server; and

a control unit (i) that, when the received target apparatus identifier matches the stored target apparatus identifier, judges whether or not the received verification value matches the

stored second verification value, and (ii) that, when it is judged that the received verification value does not match the stored second verification value, registers the target apparatus identifier on an unauthorized apparatus list,

wherein the target apparatus stores a private key,

wherein the unauthorized apparatus detection device further comprises:

a title key storage unit that stores a title key for decrypting encrypted content;

a duplicate key storage unit that stores, in correspondence with the target apparatus identifier, a duplicate key that is a copy of the private key; and

an encrypted title key generation unit that encrypts the title key using the duplicate key to generate an encrypted title key, and

wherein, when the control unit judges that the received verification value matches the stored second verification value, the control unit transmits to the information server the encrypted title key, such that the information server writes the encrypted title key into the portable media, and the target apparatus decrypts the encrypted title key using the private key when the portable media storing the encrypted title key is inserted into the target apparatus.

Claim 23 (New) The unauthorized apparatus detection device of claim 20, further comprising:

a counting unit that counts a number of affirmative judgments, such that an affirmative judgment indicates that the control unit has judged that the received verification value matches the stored second verification value; and

a count judging unit that judges whether a total number of affirmative judgments exceeds a predetermined number,

wherein, when the total number exceeds the predetermined number, the generation unit generates a third verification value that differs from the second verification value, and overwrites in the storage unit the third verification value in place of the second verification value.

Claim 24 (New) The unauthorized apparatus detection device of claim 20, further comprising:

a period measuring unit that measures a period since a last verification value is transmitted; and

a period judging unit that judges whether a total period exceeds a predetermined period,

wherein, when the total period exceeds the predetermined period, the generation unit generates a third verification value that differs from the second verification value, and overwrites in the storage unit the third verification value in place of the second verification value.

Claim 25 (New) The unauthorized apparatus detection device of claim 20, wherein the generation unit generates a random number to use as each verification value.

Claim 26 (New) An unauthorized apparatus detection system including an unauthorized apparatus detection device, an information server, a portable media and a detection target apparatus, the portable media for being inserted into the information server and the detection

target apparatus, the portable media storing a target apparatus identifier and a corresponding first verification value, the target apparatus identifier identifying the detection target apparatus,

wherein the detection target apparatus comprises:

a first storage unit that stores the target apparatus identifier and the first verification value that corresponds to the target apparatus identifier; and

a first control unit that writes the target apparatus identifier and the first verification value into the portable media when the portable media is inserted into the detection target apparatus, wherein the information server transmits the target apparatus identifier and the first verification value to the unauthorized apparatus detection device when the portable media is inserted into the information server, and

wherein the unauthorized apparatus detection device comprises:

a second storage unit that stores the target apparatus identifier and the first verification value that corresponds to the target apparatus identifier;

a generation unit that generates a second verification value that differs from the first verification value, and overwrites, in the second storage unit, the second verification value in place of the first verification value;

a transmission/reception unit that transmits to the information server the second verification value, such that the information server writes the second verification value into the portable media, and such that, when the portable media, into which the second verification value is written, is inserted into the detection target apparatus, the detection target apparatus overwrites in the portable media the second verification value in place of the first verification value, the transmission/reception unit receiving, from the information server, the target apparatus identifier

and the second verification value, as a received verification value, when the portable media, into which the second verification value is overwritten in place of the first verification value by the detection target apparatus, is inserted into the information server;

a second control unit (i) that, when the received target apparatus identifier matches the stored target apparatus identifier, judges whether or not the received verification value matches the stored second verification value, and (ii) that, when it is judged that the received verification value does not match the stored second verification value, registers the target apparatus identifier on an unauthorized apparatus list; and

a title key storage unit that stores a title key for decrypting encrypted content,

wherein, when the second control unit judges that the received verification value matches the stored second verification value, the second control unit transmits the title key to the information server, such that the information server writes the title key into the portable media, and the detection target apparatus decrypts the encrypted content using the title key when the portable media storing the title key is inserted into the detection target apparatus.

Claim 27 (New) The unauthorized apparatus detection system of claim 26, wherein the information server includes:

a reading unit that reads, from the portable media, the target apparatus identifier and the corresponding verification value; and

a transmission unit that transmits the target apparatus identifier and the corresponding verification value to the unauthorized apparatus detection device.

Claim 28 (New) An unauthorized apparatus detection method of using an unauthorized apparatus detection device, the unauthorized apparatus detection device detecting an unauthorized apparatus produced by copying, the unauthorized apparatus detection device being connected to an information server capable of having a portable media inserted therein, the portable media further for being inserted into a detection target apparatus, the portable media storing a target apparatus identifier and a corresponding first verification value, and the target apparatus identifier identifying the detection target apparatus, the detection method comprising:

storing the target apparatus identifier and the first verification value that corresponds to the target apparatus identifier, the target apparatus identifier and the first verification value being previously received from the information server by the unauthorized apparatus detection device;

generating a second verification value that differs from the first verification value, and overwriting, in the storage unit, the second verification value in place of the first verification value;

transmitting to the information server the second verification value, such that the information server writes the second verification value into the portable media when the portable media is inserted into the information server, and such that the detection target apparatus overwrites, in the portable media, the second verification value in place of the first verification value when the portable media is inserted into the detection target apparatus;

receiving, from the information server, the target apparatus identifier and the second verification value, as a received verification value, when the portable media, into which the second verification value is overwritten in place of the first verification value by the detection target apparatus, is inserted into the information server;

judging, when the received target apparatus identifier matches the stored target apparatus identifier, whether or not the received verification value matches the stored second verification value;

registering, when the judging judges that the received verification value does not match the stored second verification value, the target apparatus identifier on an unauthorized apparatus list;

storing a title key for decrypting encrypted content; and

transmitting, when the judging judges that the received verification value matches the stored second verification value, the title key to the information server, such that the information server writes the title key into the portable media, and such that the detection target apparatus decrypts the encrypted content using the title key when the portable media storing the title key is inserted into the detection target apparatus.

Claim 29 (New) A computer-readable recording medium having a computer program recorded thereon, the computer program to be used by an unauthorized apparatus detection device, the unauthorized apparatus detection device detecting an unauthorized apparatus produced by copying, the unauthorized apparatus detection device being connected to an information server capable of having a portable media inserted therein, the portable media further for being inserted into a detection target apparatus, the portable media storing a target apparatus identifier and a corresponding first verification value, and the target apparatus identifier identifying the detection target apparatus, the detection method comprising:

storing the target apparatus identifier and the first verification value that corresponds to the target apparatus identifier, the target apparatus identifier and the first verification value being previously received from the information server by the unauthorized apparatus detection device;

generating a second verification value that differs from the first verification value, and overwriting, in the storage unit, the second verification value in place of the first verification value;

transmitting to the information server the second verification value, such that the information server writes the second verification value into the portable media when the portable media is inserted into the information server, and such that the detection target apparatus overwrites, in the portable media, the second verification value in place of the first verification value when the portable media is inserted into the detection target apparatus;

receiving, from the information server, the target apparatus identifier and the second verification value, as a received verification value, when the portable media, into which the second verification value is overwritten in place of the first verification value by the detection target apparatus, is inserted into the information server;

judging, when the received target apparatus identifier matches the stored target apparatus identifier, whether or not the received verification value matches the stored second verification value;

registering, when the judging judges that the received verification value does not match the stored second verification value, the target apparatus identifier on an unauthorized apparatus list;

storing a title key for decrypting encrypted content; and

transmitting, when the judging judges that the received verification value matches the stored second verification value, the title key to the information server, such that the information server writes the title key into the portable media, and such that the detection target apparatus decrypts the encrypted content using the title key when the portable media storing the title key is inserted into the detection target apparatus.

Claim 30 (New) An integrated circuit used in an unauthorized apparatus detection device, the unauthorized apparatus detection device being connected to an information server capable of having a portable media inserted therein, the portable media further for being inserted into a detection target apparatus, the portable media storing a target apparatus identifier and a corresponding first verification value, and the target apparatus identifier identifying the detection target apparatus, the integrated circuit comprising:

a storage unit that stores the target apparatus identifier and the first verification value, the target apparatus identifier and the first verification value being previously received from the information server by the unauthorized apparatus detection device;

a generation unit that generates a second verification value that differs from the first verification value that corresponds to the target apparatus identifier, and that overwrites, in the storage unit, the second verification value in place of the first verification value;

a transmission/reception unit that transmits to the information server the second verification value, such that the information server writes the second verification value into the portable media when the portable media is inserted into the information server, and such that the detection target apparatus overwrites, in the portable media, the second verification value in

place of the first verification value when the portable media is inserted into the detection target apparatus, the transmission/reception unit receiving, from the information server, the target apparatus identifier and the second verification value, as a received verification value, when the portable media, into which the second verification value is overwritten in place of the first verification value by the detection target apparatus, is inserted into the information server;

a control unit (i) that, when the received target apparatus identifier matches the stored target apparatus identifier, judges whether or not the received verification value matches the stored second verification value, and (ii) that, when it is judged that the received verification value does not match the stored second verification value, registers the target apparatus identifier on an unauthorized apparatus list; and

a title key storage unit that stores a title key for decrypting encrypted content,

wherein, when the control unit judges that the received verification value matches the stored second verification value, the control unit transmits the title key to the information server, such that the information server writes the title key into the portable media, and such that the detection target apparatus decrypts the encrypted content using the title key when the portable media storing the title key is inserted into the detection target apparatus.